

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**In re Application of:** James E. Brewer and Mark W. Kroll

**Serial No.:** Unknown

**Art Unit:** Unknown

**Filed:** Herewith

**Examiner:** Unknown

**For:** MONITORING CARDIAC GEOMETRY FOR  
DIAGNOSTICS AND THERAPY

**Docket No.:** A03P1048

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**INFORMATION DISCLOSURE STATEMENT**

I hereby certify that this correspondence is being deposited with  
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on: July 1, 2003

MAIL STOP - PATENT APPLICATION  
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 7/1/03  
Estella Pineiro Date

Sir:

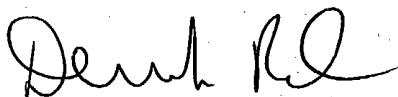
Pursuant to 37 C.F.R. § 1.56, 1.97, and 1.98, Applicants submit herewith Form PTO-1449 listing documents believed relevant to the above-identified application. It is respectfully requested that these documents be made of record and that an initialed copy of Form PTO-1449 be returned to the undersigned. A copy of each document is enclosed unless otherwise indicated.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional references material to the examination of this application do not exist, or that the citations listed on Form PTO-1449 necessarily constitute prior art to the application.

Respectfully submitted,

7/1/03

Date



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Form PTO-1449 (modified)	Attorney Docket No. A03P1048	Serial No. Unassigned
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT	Applicant(s): James E. Brewer and Mark W. Kroll	
(Use several sheets if necessary)	Filing Date: Herewith	Group Art Unit: Unassigned

## U.S. PATENT DOCUMENTS

Examiner Initials	Document No.	Date	Name	Class / Subclass	Filing Date
	4,712,555	12/15/1987	Thornander et al.	128/419	03/27/1985
	4,788,980	12/06/1988	Mann et al.	128/419	07/18/1986
	4,940,052	07/10/1990	Mann et al.	128/419	01/25/1989
	4,944,298	07/31/1990	Sholder	128/419PG	5/23/1989
	5,178,149	1/12/1993	Imburgia et al.	128/662.06	11/6/1989
	5,417,715	05/23/1995	Noren et al.	607/9	10/07/1993
	5,476,483	12/19/1995	Bornzin et al.	607/17	06/10/1994
	5,738,096	4/14/1998	Ben-Haim	128/653.1	2/1/1996
	6,009,349	12/28/1999	Mouchawar et al.	607/6	10/1/1997
	6,066,094	5/23/2000	Ben-Haim	600/437	1/9/1998
	6,077,236	6/20/2000	Cunningham	600/587	
	6,129,744	10/10/2000	Boute	607/25	12/04/1997
	6,278,894 B1	08/21/2001	Salo et al.	600/547	06/21/1999

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance *and* not considered. Include copy of this form with next communication to applicant(s).

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Examiner Initials	Document No.	Date	Name	Class / Subclass	Filing Date
	6,285,898 B1	9/4/2001	Ben-Haim	600/374	7/7/1998
	6,336,903 B1	01/08/2002	Bardy	600/508	11/16/1999
	6,421,565 B1	7/16/2002	Hemmingsson	607/17	
	US2002/ 0002389 A1	1/3/2002	Bradley et al.	607/8	1/14/2001
	US2002/ 0087089 A1	7/4/2002	Ben-Haim	600/509	1/11/2002
	US2002/ 0115939A1	08/22/2002	Mulligan et al.	600/510	12/28/2000

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## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document No.	Date	Country	Class / Subclass	Translation Yes/No
	Int'l No.:	Int'l Publ. Date:		Int'l Classification:	
	WO 99/07285	18.02.99	WIPO	A61N 1/365	
	WO 01/ 87410 A2	22.11.2001	WIPO	A61N 1/00	
	WO 01/ 87410 A3	22.11.2001	WIPO	A61N 1/00	
	WO 02/053228	11.07.2002	WIPO	A61N 1/365	

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## PUBLICATIONS / OTHER ART

Examiner Initials	Citation
	Silva, Carlos Eduardo Suaide, "Study of the Myocardial Contraction and Relaxation Velocities through Doppler Tissue Imaging Echocardiography. A New Alternative in the Assessment of the Segmental Ventricular Function," Arq Bras Cardiol, Vol. 78, No. 2, 206-11 (2002)
	Zugck, Christian et al., "Risk Stratification in Middle-aged Patients with Congestive Heart Failure: Prospective Comparison of the Heart Failure Survival Score (HFSS) and a Simplified Two-Variable Model," The European Journal of Heart Failure (3) (2001), pp 577-585
	Beringer, Jacqueline et al., "A Unifying Representation of Ventricular Volumetric Indexes," IEEE Transactions on Biomedical Engineering, Vol. 45, No. 3, March 1998, pp 365-371.

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